

## BIOSYNTHETIC PATHWAY TRANSCRIPTION FACTORS

### ABSTRACT OF THE DISCLOSURE

The present invention provides a high-throughput method for identifying a  
5 polynucleotide which encodes a transcription factor for controlling the expression of one or more  
genes in a pathway. In particular, the method is useful for identifying a transcription factor for  
controlling a gene in a biosynthetic pathway. The invention further provides polynucleotides  
encoding such transcription factors for controlling the expression of a gene in a biosynthetic pathway,  
transgenic cells expressing at least one such polynucleotide, and methods for isolating metabolites  
10 from such cells or plants.

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